



Department of the Navy (DON) Professional Development

Navy/USMC Cost Analysis Symposium

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DON DAU BCEFM ACMB Co-Chair

Outline

- National Defense Authorization Act (NDAA) FY07 Language
- Defense Acquisition University (DAU) Course Changes
- DAU Cost Estimating (CE) Sub-IPT Goals
- Society of Cost Estimating and Analysis (SCEA) Certification Proposed Changes
- References

NDAA FY07 Language

- SEC. 820. GOVERNMENT PERFORMANCE OF CRITICAL ACQUISITION FUNCTIONS.
 - a) Goal- It shall be the goal of the Department of Defense [DoD] and each of the military departments to ensure that, **within five years** after the date of the enactment of this Act [Oct 17, 2006], **for each major defense acquisition program [MDAP] and each major automated information system [MAIS] program**, each of the following positions is performed by a **properly qualified member** of the **Armed Forces or full-time employee of the DoD**:
 - 1) Program Manager
 - 2) Deputy Program Manager
 - 3) Chief Engineer
 - 4) Systems Engineer
 - 5) **Cost Estimator**

BOTTOM LINE: Each MDAP and MAIS program to have
qualified

cost estimator who is either military or a full-time civilian

DAU Cost Course FY07 Plan

- *BCF 101 (Cost Estimating – Level I)* changed to e-learning + Classroom (CR) as follows:*

- One of** {
- *BCF 106: 30-hr e-learning*
 - AND
 - *BCF 107: 3-day CR (non-cost) OR*
 - *BCF 108: 4.5-day CR (cost)*
 - OR
 - *BCF 107: 4.5-day CR for all BCEFM*

- BCF 206 (Cost Risk): e-learning with updated content
- BCF 208 (Software): e-learning with updated content and new prerequisite

Italics – Meets requirement for certification

* Not Finalized or Approved

DAU Cost Course FY08 Plan

- *BCF 204 (Cost – Level II): Will examine length and study options*
- BCF 207 (Economic Analysis): e-learning
- BCF 215 (O&S Analysis): e-learning
- BCF 2xx* (TBD): New 4.5-day CR course for advanced (contemporary) topics in cost estimating.
 - Combination of workshop and speakers
 - Develop in FY08

Italics – Meets requirement for certification

* Not Finalized or Approved

Other DAU Proposals*

- *BCF 301 (BCEFM Workshop): Overhaul to include more detail beyond the summary level*
- Widespread changes:
 - Introduce pre-requisite test for all courses
 - Add gaming/interactive activities to on-line courses

Italics – Meets requirement for certification

* Not Finalized or Approved

DAU Core+ for Cost Estimators

FY08 Catalog (Plan/Proposal in Red*)

Level	ACQ Core	Cost Core
Core + _____		
I	ACQ 101 BCF 101	Selected
BCF 102 or 103	Continuous Learning (CL)	
II	ACQ 201A/B	BCF 204
BCF 205 BCF 215		BCF 206/7/8
BCF 102 or 103**	SAM 101	
Selected CL		
III	BCF 301	ACQ 450/1/2
(BCF 2xx)	PMT 250	
PMT 352 A/B		
Selected CL		

* Not including widespread changes

** Not previously taken under Level I

DAU CE Sub-IPT Goals

■ Short-Term

- Improve DAU CE curriculum within BCEFM
 - Identify CE Knowledge, Skills, and Abilities (KSA)
 - Align course content with CE KSA List

■ Long-Term

- Create separate CE training and certification program within DAU (e.g., “Cost Badge”)
- Advertise to industry students and include in course quotas
- Create a common job description to form new OPM series
- Identify CE requirements for other career fields
- Link with certifying organizations (e.g., SCEA)

SCEA Certification Proposed Changes

- Certification Requirements/Structure:
 - One-Certification w/Options for Further Specializations
 - Grandfather all current Certified Cost Estimator/Analysts
 - Requisites:
 - 5 Years of Cost Experience
 - Bachelor's Degree (in any field)
 - OR
 - 8 Years of Experience w/o Bachelor's degree
- Program Standards: Revised Body of Knowledge
- Program Tests/Assessments:
 - Exam for the General Certification
 - TBD for the Specialized Certifications
- Recertification/Maintenance: Revised Program

SCA Proposed Program Specifics

- Updated Body of Knowledge
 - Expanded and reorganized
 - Aligned with CostProf training
 - Validated using DAU CE Sub-IPT KSA List
- New Exam Format (100 questions over 5 hours)
 - Three Sections
 - Cost Environment (30 questions; 1 hr) (must pass 70%)
 - Cost Practical Knowledge (30 questions; 1 hr) (must pass 80%)
 - Cost Scenario/Case Study (40 questions; 5 hrs) (must pass 80%)
- Recertification
 - Accumulation of 30 points every 5 years
 - Points earned in areas of
 - Professional Cost-Related Experience
 - Participation and Awards
 - Knowledge Attainment and Sharing

References

- NDAA 2007:
 - http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=109_cong_public_laws&docid=f:publ364.109.pdf
- DAU:
 - <http://www.dau.mil>
- SCEA:
 - <http://www.sceaonline.net/>

Back-Up

DAU Core+ for Cost Estimators

FY08 Catalog

Level	Continuous Learning under Core +	
I	CLB 001/007/012/014/016 CLM 016	
II	CLB 017/018/019/020 CLC 005/007/011 CLM 012/017/024	
III	CLC 008/104 CLM 014/015/101/200	B- Business M – Acq Mgt & PM C – Contracts

DAU Core+ for Cost Estimators

FY08 Catalog

CLB 001	Business Mgt Modernization Program
CLB 007	Cost Analysis
CLB 012	Cost as an Independent Variable
CLB 014	Acq Reporting Concepts and Policy Reqts for APB, DAES, and SAR
CLB 016	Introduction to Earned Value Mgt
CLB 017	Performance Measurement Baseline
CLB 018	Earned Value and Financial Mgt Reports
CLB 019	Estimate at Completion
CLB 020	Baseline Maintenance

CLM 012	Scheduling
CLM 014	IPT Mgt and Leadership
CLM 015	Business Case Analysis
CLM 016	Cost Estimating
CLM 017	Risk Mgt
CLM 024	Contracting Overview
CLM 101	Analysis of Alternatives - USAF Process
CLM 200	Item Unique Identification (IUID)

CLC 005	Simplified Acq Procedures Overview
CLC 007	Contract Source Selection
CLC 008	Indirect Costs
CLC 011	Contracting for the Rest of Us
CLC 104	Analyzing Profit or Fee

 **Level I**
 **Level II**
 **Level III**

B- Business
 M - Acq Mgt & PM
 C - Contracts